



Attorney's Docket No.: 10223-006001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Lars Hellman
Serial No. : 09/401,636
Filed : September 22, 1999
Title : ENHANCED VACCINES

Art Unit : 1644
Examiner : G. Ewoldt

BOX SEQUENCE

Commissioner for Patents
Washington, D.C. 20231

RESPONSE TO NOTICE TO COMPLY WITH REQUIREMENTS
FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE
AND/OR AMINO ACID SEQUENCE DISCLOSURES

In response to the Communication dated March 13, 2000, Applicant submits herewith a Sequence Listing in computer readable form as required by 37 CFR §1.824. In addition, Applicant submits a Sequence Listing as required under 37 CFR 1.823(a) and statement under 37 CFR §1.821(b).

I hereby state that this submission, filed in accordance with 37 CFR §1.821(g), does not contain new matter.

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner of Patents, Washington, D.C. 20231.

May 12, 2000

Date of Deposit

Judith A. Wasilkus

Signature

Judith A. Wasilkus

Typed or Printed Name of Person Signing Certificate

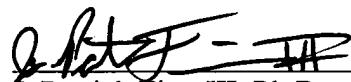
Applicant : Lars Hellman
Serial.No. : 09/401,636
Filed : September 22, 1999
Page : 2

Attorney's Docket No.: 10223-006001

Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

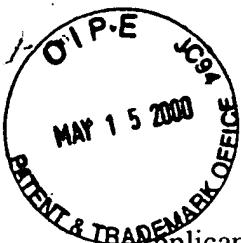
Date: May 12, 2000


J. Patrick Finn III, Ph.D.
Reg. No. 44,109

Fish & Richardson P.C., P.A.
60 South Sixth Street, Suite 3300
Minneapolis, MN 55402
Telephone: (612) 335-5070
Facsimile: (612) 288-9696

60013153.doc

RECEIVED
MAY 19 2000
TECH CENTER 1600/2800



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Lars Hellman.
 Serial No. : 09/401,636
 Filed : September 22, 1999
 Title : ENHANCED VACCINES

Art Unit : 1644
 Examiner : G. Ewoldt

BOX SEQUENCE

Commissioner of Patents
 Washington, D.C. 20231

VERIFIED STATEMENT UNDER 37 CFR §1.821(g)

I hereby state that the content of the paper and computer readable copies of the Sequence Listing, submitted in accordance with 37 CFR §1.821(c) and (e), respectively, are the same and that the sequence listings contain no new matter.

Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: May 12, 2000

J. Patrick Finn III - JP
 J. Patrick Finn III, Ph.D.
 Reg. No. 44,109

Fish & Richardson P.C., P.A.
 60 South Sixth Street, Suite 3300
 Minneapolis, MN 55402
 Telephone: (612) 335-5070
 Facsimile: (612) 288-9696

60013158.doc

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner of Patents, Washington, D.C. 20231.

May 12, 2000

Date of Deposit

Signature

Judith A. Wasilkus

Judith A. Wasilkus

Typed or Printed Name of Person Signing Certificate



PATENT
ATTORNEY DOCKET NO. 10223/006001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Lars T. Hellman
Serial No.: 09/401,636
Filed : September 2, 1999
Title : ENHANCED VACCINES

Art Unit: 1644
Examiner: G. Ewoldt

Box Sequence
Assistant Commissioner for Patents
Washington, DC 20231

VERIFIED STATEMENT UNDER 37 CFR § 1.821 (f)

I, Maureen Ruttle, declare that I personally prepared the paper and the computer-readable copies of the Sequence Listing filed herewith in the above-entitled case and that the content of both is the same.

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of The United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Date: May 11, 2000

Maureen Ruttle
Maureen Ruttle

Fish & Richardson P.C.
225 Franklin Street
Boston, MA 02110-2804

Telephone: 617/542-5070
Facsimile: 617/542-8906

Date of Deposit May 12, 2000
I hereby certify under 37 CFR 1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Judith A. Wasilkow
Judith A. Wasilkow

**NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING
NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES**

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 C.F.R. 1.821 - 1.825 for the following reason(s):



1. This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to these regulations, published at 1114 OG 29, May 15, 1990 and at 55 FR 18230, May 1, 1990.
2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 C.F.R. 1.821(c).
3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e).
4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked-up "Raw Sequence Listing."
5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A Substitute computer readable form must be submitted as required by 37 C.F.R. 1.825(d).
6. The paper copy of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 C.F.R. 1.821(e).
7. Other: _____

Applicant Must Provide:

- An initial or substitute computer readable form (CRF) copy of the "Sequence Listing".
- An initial or substitute paper copy of the "Sequence Listing", as well as an amendment directing its entry into the specification.
- A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 C.F.R. 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d).

For questions regarding compliance to these requirements, please contact:

For Rules Interpretation, call (703) 308-4216

For CRF Submission Help, call (703) 308-4212

PatentIn Software Program Support (SIRA)

Technical Assistance.....703-287-0200

To Purchase PatentIn Software.....703-306-2600

PLEASE RETURN A COPY OF THIS NOTICE WITH YOUR RESPONSE